Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 18 Dec 2021 until 23:59 on Sunday 19 Dec 2021

Forecast Issued on Friday 17 Dec 2021 at 16:42

Confidence: High for settled and largely dry conditions but lower for cloud details.

Headline for Saturday 18 Dec 2021: Mostly cloudy with extensive hill fog. Mainly light winds.

Mountain weather hazards on Saturday 18 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG	FOG	FOG			FOG
Cloudy	Fog	Fog	Fog	Fog	Sunny intervals	Partly cloudy (night)	Fog
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	10%

Forecast for Saturday 18 Dec 2021

Weather: Generally cloudy with extensive fog or hill fog through much of the day, however there is a chance of some of the higher peaks may well become sunny in the afternoon as the temperature inversion lowers. Risk of patchy drizzle later.

Chance of cloud free mountain/hill tops above 600m: 25%.

Visibility: Periods or persistent cloud from 300m or less with visibility near zero at times, otherwise visibility rather hazy, perhaps becoming excellent over the higher peaks in afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 18 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SE	12/18 E	11/17 E	11/16 SE	8/13 SE	6/10 SE	5/8 SE	5/9 S	4/6 SW
300	6/11 E	6/10 E	6/11 E	5/8 NE	5/8 SW	3/6 S	3/5 S	3/5 SE	2/4 SE
Valley	5/9 E	5/9 E	4/9 E	4/9 NE	4/7 S	2/4 E	2/4 SW	2/4 W	1/3 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/4	6/3	6/3	7/5	7/5	7/5	7/5	6/5
300	7/5	7/5	6/4	5/3	5/3	5/4	4/3	4/2	3/2
Valley	6/4	6/4	5/3	4/2	5/4	5/4	4/3	4/3	3/2
Freezing Level*	2000m	2000m	2000m	2000m	2000m	1900m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Temperatures at low levels may be close to freezing in any persistent fog, but at height maximum temperatures nearer plus 10 Celsius.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 17 Dec 2021	0.2mm	0.4mm	0.4mm

Forecast for Sunday 19 Dec 2021

Weather: Similar to Saturday, generally quite a lot of cloud and fog over lower slopes, but, once again above the inversion, skies clear with almost unbroken sunshine by day.

Maximum wind: Variable, mainly easterly or northeasterly, 10mph or less

Chance of cloud free mountain/hill tops above 600m: 100%

Visibility: Periods or persistent cloud or fog from below 300m with visibility near zero at times, otherwise visibility rather hazy, perhaps becoming excellent over the higher peaks in afternoon.

Temperature: **Valleys:** Around plus 3 or 4 Celsius, perhaps close to zero in any persistent fog.
At 600m: Plus 7 or 8 Celsius
Freezing level: Above the summits

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